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नई दिल्ली, शनिवार, दिसम्बर 5, 1970 (अग्रहायण 14, 1892)

No. 49]

NEW DELHI, SATURDAY, DECEMBER 5, 1970 (AGRAHAYANA 14, 1892)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित प्रसूचनाएँ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 5th December 1970

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

16th November 1970

- 129221. S. D. Ahuja (Minor). Roll type measuring tape.
- 129222. Shell Internationale Research Maatschappij N. V. A slow-release composition. (21st May 1970).
- 129223. The Dunlop Company Limited. Rubber compositions. (19th November 1969). [Addition to No. 123211].
- 129224. Neyrpic-Bmb. Process and apparatus for the manufacture and the strengthening of webs of fibres or of particles.
- 129225. Imperial Chemical Industries Limited. Metal deposition process. (26th November 1969).
- 129226. R. D. Sidhwa, A. H. Patel and T. P. Sidhwa. Building block or slab particularly a decorative building blocks.
- 129227. Richardson-Merrell Inc. Anti-foaming gastrointestinal composition and preparation thereof.
- 129228. Aktiebolaget Bofors. Naval minefield.
- 129229. American Home Products Corporation. Cephalosporanic acids.
- 129230. Schering Aktiengesellschaft. New amidines.
- 129231. Texaco Development Corporation. Synthesis gas process.

- 129232. The Wellcome Foundation Limited. Amino purine derivatives.
- 129233. Ciba-Geigy Ag. New glycidyl ethers, processes for their manufacture and their use.
- 129234. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Bacterial controls and preparation thereof.
- 129235. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Lactone.
- 129236. Bassani S.p.A. Electric switches.
- 129237. Shionogi & Co., Ltd. Isoxazole derivatives.
- 129238. Allen & Hanburys Limited. Xanthone derivatives. (27th November 1969).
- 129239. Veba-Chemie Ag. Process for the catalytic hydration of ethylene or propylene.
- 129240. Nippon Kokan Kabushiki Kaisha. Continuous annealing process of cold reduced steel strip for drawing.
- 129241. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to methods of implantation. (19th November 1969).
- 129242. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing an electrical component. (19th November 1969).
- 129243. K. D. Kalra. An atmospheric pressure device.
- 129244. M. P. Thomas. An improved tyre inflator.
- 129245. H. K. Shah. A device and method of manufacturing resin coated slivers from textile webs.
- 129246. H. K. Shah. A device manufacturing paper tubes for resin impregnated slivers.

129247. N. S. Pochkhanawala. Improvements in or relating to flour sieve or sifter.
129248. A. N. Thakur. Improvements in or relating to protective covers for wireless receiving sets.
129249. M. P. Goel. Improvements in or relating to a device for converting any time clock into a world time clock.
129250. Mrs. Sneh Lata Goel. Improvements in or relating to baby feeding bottles.

17th November 1970

129251. Council of Scientific and Industrial Research. A process for the synthesis of 2, 6-disubstituted-2, 3, 4, 4a, 5, 6, 7, 8-octahydro-1H-piperazino (1, 2-c) pyrimidin-1-ones.
129252. Council of Scientific and Industrial Research. A process for the synthesis of *cis*- and *trans*-3, 4-diphenylchromans.
129253. Indian Vegetable Products Limited. A method for manufacture of epoxy plasticizer.
129254. Ciba-Geigy Ag. Hydrophobic, poisonous rat bait and process for the production thereof.
129255. Imperial Chemical Industries Limited. Organic compounds. (17th November 1969). [Addition to No. 113276].
129256. Farbenfabriken Bayer Aktiengesellschaft. Vulcanisation retarders.
129257. J. A. MacKenzie. Releasable reusable expanding fastener.
129258. Sandoz Ltd. Improvements in or relating to organic compounds. (19th November 1969).
129259. Sandoz Ltd. Improvements in or relating to organic compounds. (19th November 1969).
129260. Sandoz Ltd. Azo compounds of low solubility, their production and use.
129261. Takeda Chemical Industries, Ltd. Benzodiazepine derivatives.
129262. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Thiolactone.
129263. Snam Progetti S.p.A. Process for treating gases in the ammonia synthesis.
129264. Invention Aktiengesellschaft. Method of controlling a lift for medium to fast travelling speed and control system for carrying out the method.
129265. Merck & Co., Inc. Thiadiazole derivatives and process for their preparation. [Divisional date 17th July 1967].
129266. N. V. Philips Gloeilampenfabrieken. Method of depositing elementary semiconductor material.
129267. Nippon Kokan Kabushiki Kaisha. An improvement relating to coating of steel sheets.
129275. Neyrpic-Bmb. This invention relates to apparatus for the formation of a web from a suspension of particles.
129276. Uss Engineers and Consultants, Inc. Quenching method and apparatus for exhaust gases.
129277. J. F. M. Culler. Diagnostic test procedure and test reagents for the detection of hepatitis.
129278. S. G. Borlikar. Improvements in or relating to kitchen tongs ("sansis") or like implements.
129279. C. J. Raman. Continuous industrial production of active carbon.
129280. Z. K. Sutarwala. A soap holder.
129281. Eli Lilly and Company. N-acylidene derivatives of erythromycylamine.
129282. Textron Inc. Ram mechanism for a snap fastener attaching machine.
129283. Commercial Solvents Corporation. Process for the production of zearalenone.
129284. Commercial Solvents Corporation. Process for the production of zearalenone.
129285. Commercial Solvents Corporation. Process for the production of zearalenone.
129286. E. I. du Pont de Nemours and Company. Nickel molybdenum bonded titanium nitride-titanium carbide.
129287. Cassella Farbwerke Mainkur Aktiengesellschaft. Water-insoluble monoazo dyes.
129288. A. H. Robins Company, Incorporated. Alkyl 1, 1a, 2, 6b-tetrahydrocycloprop [b] indole-1-carboxylates and acids.
129289. M. Pasbrig. Universal wrench.
129290. Vitamins Limited. Novel triazines, process for their preparation and pharmaceutical compositions containing the same. [Divisional date 5th December 1968].
129291. Merck & Co., Inc. 1, 2, 5-thiadiazole derivatives and process for preparing them. [Divisional date 17th July 1967].
129292. M. Gartland. A construction of hockey stick. (15th December 1969).
129293. Fosco International Limited. Refractory shaped articles and method for their production. [Divisional date 22nd October 1969].
129294. Eduardo Delfin Elizalde. Clamping plates for the mounting of undulated sheet elements and structures comprised of such elements. [Divisional date 19th May 1969].

19th November 1970

129268. J. J. David. Piston with cantilever gudgeon pin.
129269. S. Ali. Fuelless automatic power machine.
129270. J. N. Padhye. Chemical process of chromate conversion to aluminium castings.
129271. S. German. Wall covering and process.
129272. Ciba-Geigy Ag. Raticidal baits protected against the action of microorganisms.
129273. Union Carbide Corporation. Process and furnace charge for use in the production of silicon metal.
129274. Neyrpic-Bmb. Apparatus for draining a suspension of particles for the production of a web.
129295. Ciba-Geigy Ag. Process for the production of a new heterocyclic carboxylic acid. [Addition to No. 121572].
129296. Ciba-Geigy Ag. Process for the production of new heterocyclic carboxylic acids.
129297. Shell Internationale Research Maatschappij N. V. Process for the preparation of an insecticide.
129298. Shell Internationale Research Maatschappij N. V. Ethylene polymerization in the presence of complex nickel catalysts.
129299. M & T Chemicals Inc. Novel electrocoated product and process.
129300. Girling Limited. Anti-squeal means. (25th November 1969).
129301. P. Wood. Improving in or relating to pneumatic hammer in rock drilling operations.

129302. Franz Plasser Bahnbaumaschinen. Improvements in or relating to mobile machine.
129303. J. B. Patel. On-load voltage booster plant.
129304. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of aminophenyl alkyl ethers.
129305. Merck Patent Gesellschaft Mit Beschränkter Haftung. Process for the preparation of peruvoside.
129306. Nippon Kokan Kabushiki Kaisha. Method for manufacturing cold rolled steel for drawing.
129307. Texaco Development Corporation. Synthetic oils.
129308. E. I. Du Pont De Nemours and Company. Nickel-molybdenum bonded titanium nitride-titanium carbide.
129309. E. I. du Pont de Nemours and Company. Titanium nitride-titanium carbide compositions.
129310. Indo Shipping Company. A flame proof bell and bell transformer device.
129311. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Test composition.
129312. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Heterocyclic compounds.
129313. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the continuous separation of isomer mixtures of the nitro-, chloro- and nitrochloro-benzene and -toluene series.
129314. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for purifying melt-able crystalline organic compounds.
129315. Robert Bosch GmbH. Improvements in or relating to fuel injection systems.
129316. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Herbicide.
129317. The Wellcome Foundation Limited. 5-benzylpyrimidines, method of their preparation and pharmaceutical compositions containing the same, [Divisional date 17th February 1967].
129318. Knapsack Aktiengesellschaft. Process for reducing the concentration of 2-chloro-butadiene-(1, 3) in 1, 2-dichloroethane recovered in the incomplete thermal cracking into vinyl chloride.
- 20th November 1970
129319. Rajat Kumar Ghosh. Sindri grate.
129320. Glaxo Laboratories Limited. Chemical process. (21st November 1969).
129321. Shell Internationale Research Maatschappij N. V. Ethylene polymerization.
129322. Shell Internationale Research Maatschappij N. V. Process and apparatus for quenching unstable gas.
129323. Smith Kline & French Laboratories. Compositions for improving feed efficiency of ruminants using haloacetal derivatives of polyhydroxy compounds.
129324. The Bebbcock & Wilcox Company. Improvements in or relating to tube walls.
129325. Franz Plasser Bahnbaumaschinen. Improvements in or relating to mobile machine for treating the ballast bed and fastenings.
129326. The Upjohn Company. Compositions and processes.
129327. International Standard Electric Corporation. Arrangement for operating slender switches in railway installations.

129328. 1. A. S. Fedorenko, 2. J. A. Mescheryakov, 3. A. A. Prytkov and 4. V. V. Tyabirdin. Fluorescent lamp with an amalgam.
129329. Norton Company. Abrasive elements.
129330. Norton Company. Abrasive grinding elements.
129331. Texaco Development Corporation. Production of reducing gas.
129332. Continental Oil Company. Control system for fluid catalytic cracking process. [Addition to No. 119338].

Alteration of date

122517. The claim to priority date 30th July 1968 has been abandoned and the application dated as of 29th July 1969, the date of filing of India.
128866. Ante-dated to 12th May 1969 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

119755. Rohm and Haas Company. Extracting protein from proteinaceous materials. Accepted on 10th November 1970.

Mixing the proteinaceous material in aqueous medium with a water soluble, non-dialyzable enzyme preparation which can be precipitated from aqueous solution by the addition of either ammonium sulfate or ethyl alcohol and precipitating the extracted protein by adjusting the pH of the aqueous product.

119783. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of basic oxazine dyestuffs. Accepted on 11th November 1970.

Comprises condensing the suspension of P-nitroso-compound with the naphthol compound without being intermediately isolated.

119784. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of basic oxazine dyestuffs. Accepted on 11th November 1970.

Comprises condensing the suspension of P-nitroso compound with a dialkyl-m-aminophenol.

119889. E. V. Kholodnov, N. V. Lomov, and V. A. Katsman. Spark eroding machine for making apertures in workpieces made of electrically conducting materials. Accepted on 17th November 1970.

Wherein the crank pin is rigidly attached to a slide movably mounted on a second slide movably mounted on a base part rigidly attached to the driving shaft of the crank gear, the slides being adapted to be displaced in mutually perpendicular directions.

119915. S. B. Panda. Multipurpose pedaling system. Accepted on 18th November 1970.

Comprising rotary transmission system, arrangement for cranking, output pulley, framing arrangement, shackle, clamping arrangement.

119939. Vsesojuzny nauchno-issledovatel'skiy institut kriogenogo mashinostroyeniya of L'vovskaya naberezhnaya. Method of recovering of nitrogen and oxygen from air by liquefaction of air. Accepted on 19th November 1970.

Characterised in that at least a portion of second flow is mixed with the remaining portion of the first flow at a temperature close to the critical temperature of air with further cooling of the mixture, the remaining portion of the second flow being also further cooled, followed by combining of the cooled mixture and the cooled remaining portion of the second flow to give a combined flow for throttling, whereafter the combined flow is throttled mixed with the expanded portion of the first flow and fractionated.

119990. Compagnie Des Compteurs. Apparatus for use in localising a fault in a a.c. electric power line. (24th December 1968). Accepted on 17th November 1970.

Comprising first, second and third signals generating means which are functions of an instantaneous voltage across and current in the faulty loop and an instant at least approximating to zero instantaneous current in the fault respectively and responsive and storing means for storing the values of said first and second signals at that instant and determining the ratio of the values.

120041. The Scientific Adviser to Defence Minister, Ministry of Defence, Government of India, New Delhi. Process for the manufacture of foamed polymeric materials from polyester resins polyisocyanates and water. Accepted on 12th November 1970.

Characterized in that polyester resin used in the manufacture of foamed products is derived from aleuritic acid, aliphatic diols and adipic acid or sebacic acid or phthalic anhydride or mixture thereof.

120059. Pioneer Oilsealing & Moulding Company Limited. Container for liquids having a sealing assembly for the liquids. Accepted on 19th November 1970.

Comprises a resilient elastomeric sealing body having a longitudinal opening, an outwardly directed flange at one end and an inwardly constricted portion at the other end, inserted in an aperture on the container wall and an inlet, outlet, recording or heating unit having external dimensions complementary to that of the longitudinal opening of the elastomeric body inserted therein to expand the constriction portion and seal the unit.

121186. Texas Instruments Incorporated. Electronic calculator. (12th September 1968). Accepted on 6th November 1970.

Including means for entering digits of numbers and generating input signals, electronic means responsive to electric signals, the electronic means comprising an integrated semiconductor circuit, memory means.

121194. R. R. Juneja. Telescopic aerials. [Addition to No. 85274] Accepted on 6th November 1970.

Wherein a supporting projection is formed by cutting a slit in the wall of the sleeve, and the wall portion between the slit and lower end of the sleeve is pushed inside to form a projection, the projection entering a slot or window formed on a tube.

121224. Montecatini Edison S.p.A. Process for the purification of titanium tetrachloride. Accepted on 7th November 1970.

Characterised in that hot gases coming from the chlorination step are cooled down to 130—180°C by injection and vaporization of liquid TiCl_4 and at the same time are treated with H_2S , thereby obtaining a vanadium free gaseous phase, containing TiCl_4 free solid phase, containing vanadium, which phase is discharged.

121236. Shell Internationale Research Maatschappij N. V. Nitrogen containing, polyphenylene ethers and lubricating compositions containing the same. Accepted on 9th November 1970.

Comprises of oxidative coupling of one or more phenols which at least partly carry one or more alkyl groups with oxygen or an oxygen-containing gas and in the presence of a catalyst.

121260. Shell Internationale Research Maatschappij N. V. Process for the preparation of substituted vinyl esters of acids of phosphorus. Accepted on 9th November 1970.

Process for the preparation of substituted vinyl esters of acids of phosphorus wherein (a) an appropriate organic phosphorus compound (b) and α -haloketone and (c) an appropriate base are allowed to react with each other.

121274. P. Rajarathnam. Day finder for a date. Accepted on 12th November 1970.

Comprising a box, a circular dial drawn on the surface of the box consisting of seven rings and seven sectors and certain numbers written along the dividing radii of the rings a circular plate being divided into seven equal sectors with numbers 0 to 6 on the dividing radii, below this circular plate with common axle a bigger circular plate with the words SAT, SUN, MON, TUE, WED, THU, and FRI having written at equal distances in such a way when the radii numbered 0 to 6 come in straight line with the 0 line the words seen respectively through the slit of the base.

121279. Sandoz Ltd. Basic acid dyestuffs, process for their production and textile materials dyed and printed therewith. Accepted on 12th November 1970.

Comprises coupling diazo compound of amine D-NH_2 with compound of type di-hydroxy-4-methyl-5-cyanopyridine.

121288. Usm Corporation. Improvements in or relating to self-locking screw members and their manufacture. Accepted on 10th November 1970.

Comprising a shank with plurality of thread turns, locking zone comprising two adjacent turns axial distance between the crests being less than normal axial distance.

121292. Iit Rayonier Incorporated. Plicatenol product and process. Accepted on 12th November 1970.

Comprises heating lactone of plicatic acid at 200°C in the absence of O.

121323. Argus Chemical Corporation. Novel heterocyclic amines and amides suitable for use in enhancement of resistance of olefin polymers to copper-catalyzed oxidative degradation. Accepted on 11th November 1970.

Reacting a mercapto acid or mercapto thioo acid or ester with a primary heterocyclic amine.

121330. W. X. Halloran. Joint prosthesis. Accepted on 12th November 1970.

A socket member to be secured in the natural socket of the joint and formed with an artificial socket and a ball member including a ball held captive in the said artificial socket.

121335. Sumitomo Chemical Company Ltd. Cyclopropane-carboxylic acid esters process for preparing same and compositions containing said esters. Accepted on 16th November 1970.

Comprises reacting a diphenylether derivative with a cyclopropanecarboxylic acid.

121344. Siemens Aktiengesellschaft. A hall generator circuit. Accepted on 16th November 1970.

Comprising a unijunction transistor pulse generator in the base-emitter circuit of which is connected the control current path of a hall generator.

121361. R. M. Gwynn and T. Themy. Electrode and method for preparing the same. Accepted on 16th November 1970

A heavy substrate selected from the group of titanium and columbium having bonded thereto an layer of metal from the group tantalum and columbium with a higher melting point than that of the substrate, and an outer layer of platinum metal.

121366. Flektrokemisk A/S. Improvements in or relating to feed mechanism for cylindrical bodies. Accepted on 16th November 1970.

End rollers and the guide members are carried by a drive housing which surrounds the cylindrical body and is rotatable coaxially with respect thereto but is fixed against axial displacement.

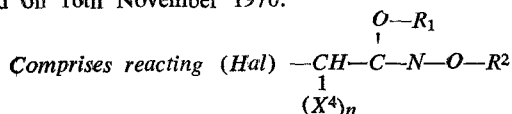
121371. D. Glass. Gas lighter device. Accepted on 16th November 1970

Comprising a head assembly with a tapered end screw and in screw threaded engagement with a cartridge containing fuel the tapered end piercing the cartridge upon relative rotation and forming a valve with it to regulate fuel flow through the helix of path of the screw to outlet port in the assembly.

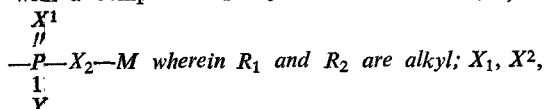
121372. Brown Boveri & Company Limited. Electrical arc furnace having a rotary tanks. Accepted on 16th November 1970.

Two rails of the cradle are connected by a rigid annular frame.

121376. Velsicol Chemical Corporation. (Thio) Phosphoric and (thio) phosphoric and phosphoric acid derivatives, process for the manufacture thereof and insecticidal compositions containing them. Accepted on 16th November 1970.



with a compound of the formula $\text{Z}^2-\text{Z}^1-(\text{X}^3)_m$



121378. Farbenfabriken Bayer Aktiengesellschaft. Agricultural and horticultural fungicidal composition. Accepted on 16th November 1970.

Comprising the carbamic acid esters of tetrahalogenophenol having at least one iodine atom together with a carrier.

121395. George Fischer Aktiengesellschaft. Automatic work-piece entrainment device or driver. Accepted on 12th November 1970.

Comprises a freely rotatable support ring means mounted for radial and axial play, at least two clamping jaws pivotably mounted at said means, a body member, force transmission means provided at such body member, said jaws engaging with said force transmission means.

121410. Petrocarbon Developments Limited. Liquid phase oxidation of olefins to olefin oxides, glycols and glycol esters. (20th May 1968). Accepted on 12th November 1970.

Comprises oxidizing in the liquid phase isopropyl alcohol with oxygen, removing the major part of acetone from the reaction product, replacing isopropyl alcohol in the product with an ester solvent, reacting in resulting H_2O soln. with a carboxylic acid, removing H_2O from the product, and reacting anhydrous percarboxylic acid solution with propylene.

121411. Petrocarbon Developments Limited. Liquid phase production of a solution of a percarboxylic acid. (20th May, 1968). Accepted on 12th November 1970.

Comprises replacing solvent in hydrogen peroxide solution in isopropyl alcohol with ester Rcoor solvent for hydrogen peroxide reacting resulting hydrogen peroxide solution with carboxylic acid R_1-COOH , R & R being alkyl and R_1 being hydrogen, phenyl or alkyl radical.

121488. N. V. Philips Gloeilampenfabrieken. Device for transporting thermal energy from a lower to a higher temperature level. Accepted on 17th November 1970.

Comprising a liquid pump communicating with a mixing chamber through a first and second supply duct and in which cyclic unmixing of 3He and the prior to entrance to the ducts and subsequent expansion and mixing of 3He with 4He in the chamber occurs.

121492. Universal Electric Company. Improvements relating to electric motors and the manufacture thereof. (14th March 1969). Accepted on 17th November 1970.

Comprising cylindrical shell frame having radial abutment surfaces in which end members engage and also having circumferentially spaced portions which are deformed radially to engage and retain said end members.

121567. Otdelenie Dalnikh Peredach Vsesojuznogo Gosudarstvennogo Priborostroyeniya i Natsionalnogo Issledovaniya Spontakova. Improvements in or relating to the wires of a power transmission line. Accepted on 18th November 1970.

Comprising a tripartite pole whose extreme struts are shifted along and across the route of the transmission line relative to the middle strut, and two additional struts are arranged with respect to the middle strut.

121592. Etablissements Brissonneau Et Lotz. Generating set. Accepted on 18th November 1970.

Housing comprises a first and a second compartment which are separate and in which are disposed respectively the engine and the generator with auxiliary devices, each of the compartments having an independent ventilating circuit.

121665. Bengal Coal Company Limited. Friction prop used in underground for the purpose of supporting roofs. Accepted on 19th November 1970.

Characterised by the provision of one or more clamps fitted to at the mouth of the outer column with jaw members at the split end of the clamp and wedge means for bringing together the jaw members to grip the inner column.

121672. Esso Research and Engineering Company. Lubricating grease. (2nd June 1969). Accepted on 11th November 1970.

By incorporating in the grease an arditive—comprising a combination of at least one sulphate salt and at least one nephthierate salt.

121744. Alcan Research and Development Limited. Process for colouring anodised aluminium by electrolytic for colouring anodised aluminium by electrolytic
- Characterised in that current is passed between an anodised aluminium work load and a counter electrode structure within the planar area occupied by the counter electrode structure, being unoccupied by effective current-emitting areas of the counter electrode.*
121746. Joseph Lucas (Industries) Limited. Control systems for battery powered electric vehicles. (17th June 1968). Accepted 19th November 1970.
- Comprising a comparator, means providing to the comparator for first and second signals, control varying field current in accordance with two signals.*
121813. Pilkington Brothers Limited. Improvements in or relating to chimney dampering systems. (18th June 1968). Accepted on 12th November 1970.
- Chimney is provided with an inwardly projecting circumferential lip adapted to deflect inwardly gas rising up the chimney adjacent its wall, and a single nozzle disposed with its orifice pointing centrally down the chimney to direct dampering air downwards through chimney aperture.*
121848. The Wheelabrator Corporation. Control system for the delivery of particles of material onto the surfaces of moving objects. Accepted on 18th November 1970.
- Comprising a power source, control means for selectively connecting valve means to power source with the magnitude of particle flow through the valve means being determined by the power applied and connecting means dependent upon speed of drive means.*
121941. Engelhard Minerals and Chemicals Corporation. Crystalline zeolitic aluminosilicate cracking catalyst compositions in form of microspheres and preparation thereof. Accepted on 16th November 1970.
- Comprises spray drying an aqueous slurry of kaolin clay, thereby forming spherical particles, calcining particles, incorporating the calcined particles with alkali metal hydroxide solution, and heating the slurry and maintaining sufficient water to keep the slurry fluid, separating the particles from the mother liquor and ion-exchanging the crystallized particles.*
122067. Imperial Chemical Industries Limited. Free flowing particulate compositions containing polytetrafluoroethylene and a process for producing the same. (15th July 1968). Accepted on 19th November 1970.
- Process of production of free flowing particulate composition containing polytetrafluoroethylene which may readily be dispersed in a polymeric material, comprising admixing an aqueous emulsion of poly-tetrafluoroethylene and an emulsion or solution of a carrier for the polytetrafluoroethylene and spray drying the mixture.*
122517. Carding Specialists (Canada) Limited. Improvements in or relating to carding machines and an improved process of carding fibres. Accepted on 17th November 1970.
- Comprising at least one flat or top surrounding part of the perimeter of the cylinder, stiff metal wires protruding slightly from the under face of the plate flat to co-operate with wires of the cylinder.*
122579. Schlumberger Overseas, S. A. Systems and methods for determining the position of a tool in a bore-hole. Accepted on 12th November 1970.
- Comprising a cable movement measuring device, a cable tension measuring device and a depth computer.*
122841. J. S. Engineer. Improvements in or relating to slide viewers. Accepted on 12th November 1970.
- Comprises an elongated member which is U shaped in cross section, a body or housing in which elongated member is slidable, a magnifying lens secured on the housing adjacent one end thereof, a window on the housing opposite the magnifying lens permitting the light to pass through the body and lens a film having plurality of transparencies fixed in an elongated slot formed in the webs of the elongated members.*
122926. Societe D'Appareils De Controle Et Equipement Des Moteurs S.A.C.E.M. Improvement in or relating to motor bicycles. Accepted on 16th November 1970.
- The engine being prevented from rotating around the pivot only by a transmission shaft which extends freely between an engine output shaft and a journal providing a connection to the rear wheel and which is held in alignment with the engine output shaft and with the journal.*
122984. Uralsky Zavod Tyazhologo Mashinostroenia Imeni S. Ordzhonikidze. Machine to pack a pile of rolled plates of sheets into a box. Accepted on 11th November 1970.
- Comprises longitudinal and lateral squeezing jaws for holding a wrapping sheet about the pile of rolled stock, a lifting table on which the stock is placed and a retractable hold-down stop for holding down the stock onto the table.*
122999. Serpo, personeenvennootschap met beperkte aansprakelijkheid. Method and device for applying a coat of foam on any desired surface. Accepted on 12th November 1970.
- Individually feeding into a mixing chamber, a mixture of polyisocyanates, a polymeric substance in which proton donors are present and one or more catalyst.*
123029. Fiat Societa Per Azioni. Injection pump for internal combustion engines. Accepted on 16th November 1970.
- Comprising at least one rotary pump-operating cam which is carried by a hollow body which is driven from a driving shaft extending into said hollow body and connectible to a rotary drive input at one end.*
123067. Knorr-Bremse GmbH. Brake discs for wheels of rail vehicles. Accepted on 11th November 1970.
- Intermediate ring is provided with arms which project mostly radially inside the space between the wheel disc and the brake ring and extend at least approximately up to the middle brake ring diameter, and to which are attached cams projecting radially facing towards the wheel disc.*
123114. N. S. I. K. Raman. An automatic safety device to stop trains passing signals at danger. Accepted on 16th November 1970.
- A vertically arranged sliding obstruction rod of iron/steel placed/inserted inside an iron box having slot for sliding movement of the said obstruction rod which is connected to the wire rope of the signal.*
123302. Femipari Kutato Intezet. Process for producing direct-dyed oxide coats on aluminium and on aluminium alloys by means of anodic oxidation. Accepted on 17th November 1970.
- Carrying out anodic oxidation in a bath containing 1 to 8 per cent formic acid, 1 to 8 per cent sulphosalicylic acid 0.5 to 2.0 per cent of hydroquinone.*
123458. E. L. Sumner. A locking device for selectively locking a desired attachment to a ramming and cutting equipment. Accepted on 19th November 1970.

Comprises a collar with an opening for the attachment and locking means projecting into said opening through holes in the collar.

123499. Cpc International Inc. Improved method of degerminating sorghum grains. Accepted on 11th November 1970.

Compressing grain to release germ but not break and separating same.

123544. C. A. V. Limited. Check valves. (15th October 1968). Accepted on 11th November 1970.

Having a fluid pressure operable piston acting upon the closure member in a direction to urge the closure member onto the sealing.

123652. M. G. Industries. Improvements in or relating to a device for washing, cleaning and disinfecting floors, decks and the like. Accepted on 16th November 1970.

Consisting in combination a pair of spring tensioned hinged flaps or plates fitted on either side of a pipe clamp attached to one end of a pipe, which carries a slidably mounted sleeve connecting hinged flaps via a lever and a level clamp carrying a pair of tapered rollers, the sleeve when pushed downwardly along the pipe, the flap get folded to squeeze the sponge block.

123685. Farbenfabriken Bayer Aktiengesellschaft. Aluminum fluoride manufacture. Accepted on 19th November 1970.

Mixing a hydrated aluminum oxide and aqueous hydrofluoric acid in a molar ratio of 1:3, and solidifying the products on a bed of aluminium fluoride granules at a temperature greater than about 50°C.

123711. (Dr.) O. A. Becker. Improvements in the electrical resistance welding of coated sheet metals. (13th October 1969). Accepted on 18th November 1970.

Welding current is supplied to at least one of the coated sheets indirectly through the metal layer and contact is established between blank areas to be welded.

123727. E. U. Siddiqi. An improved telephone receiver. Accepted on 12th November 1970.

In which input wires of which have connected in parallel thereacross at least one electric bulb.

123785. Aktiebolaget Svenska Kullagerfabriken. Seal for circular slots. Accepted on 18th November 1970.

Sealing means consists of at least two sealing lips at least one of which subtending at an angle less than 90° to the surface of co-operating member and at least one other of which subtending at an angle more than 90°, to the same surface.

123846. Atlas Distributors and Consultants. Improvements in or relating to tooth brushes. Accepted on 19th November 1970.

Bristles are trimmed in a convex shape so that the height of the bristles are maximum at their two ends and gradually decreases at the centre in their longitudinal arrangement.

123852. A/S Raufoss Ammunisjonsfabrikker. Projectile with multiple effect. Accepted on 18th November 1970.

Characterised in that the fragmentary effect is achieved by means of an explosive charge arranged behind a first and second incendiary charge.

123855. Sperry Rand Corporation. Improvements in or relating to power transmissions. (21st October 1969). Accepted on 18th November 1970.

Comprises two or more fluid pressure energy translating device, one of which may function as a pump and the other as a fluid motor.

124059. Joseph Lucas (Industries) Limited. Windscreen wiper mechanisms. (25th November 1968). Accepted on 16th November 1970.

Comprising a drive motor, a link member, a pair of wiper blade drive shafts having respective pulleys at their inner ends.

124409. Associated Lead Manufacturers Limited. Improvements in chlorine-containing polymer compositions. (16th December 1968). Accepted on 16th November 1970.

Containing a non-pigmenting stabiliser and in an amount of 0.005—5 parts by weight for 100 parts of the polymer another additive consisting of benzoic acid, an alkylated benzoic acid, either of which may contain non-harmful substituents, cinnamic, an alkyl half ester of phthalic acid or phenyl acetic acid, the alkyl groups when present containing 1—17 carbon atoms.

124417. Fairchild Camera & Instrument Corporation. Schottky-barrier diode structure. Accepted on 12th November 1970.

Comprising a layer of silicon semiconductor material and a layer of conductive aluminium, the impurity concentration in the vicinity of the metal-semiconductor junction is less than 10^{17} dopant atoms per cubic centimeter.

124430. Jervis B. Webb Company. Monorail transportation system. Accepted on 18th November 1970.

A floor or similar planar support, a rail having a pair of oppositely facing track surfaces, and means mounting the rail with the track surfaces extending substantially perpendicular to the plane of the support, a vehicle having wheels engaging the support and driving means on the vehicle including an idler roller engaging one of the track surfaces.

124431. Allis-Chalmers Manufacturing Company. Improved apparatus for conveying and distributing loose flowable material. Accepted on 11th November 1970.

Shuttle conveyor having a length spanning one half the width of the transport conveyor between the opposite edges the shuttle conveyor being reciprocable across the transport conveyor by a reversible shuttle conveyor drive adapted to move the shuttle conveyor with a first stroke to a position where the first roll lies over one of the edges of the transport conveyor.

124730. The Dunlop Company Limited. Hydraulic dampers. Accepted on 16th November 1970.

Having means for damping sidebearings on freight vans in order to control their tendency to roll, which can, in certain circumstances, be sufficiently serious to cause derailment, even at low speeds.

124895. Rotary Hoes Limited. Rotary axial flow pump. (18th February 1969). Accepted on 16th November 1970.

Comprising an inner pump member, an outer pump member concentric and coaxial with the inner pump member and two or more multi-start vanes are provided on each member.

125189. Portec (U.K.) Limited. Improvements in or relating to lubricating apparatus for railway tracks. (11th February 1969). Accepted on 16th November 1970.

A pump, a bracket for the reception of the pump, securing means for adjustably securing the pump to the bracket and clamps at the opposite ends of the bracket.

128866. Usm Corporation. Thread rolling dies for producing screw members and method of threading such members. [Divisional date 12th May 1969]. Accepted on 12th November 1970.

Comprising fixed and moving die member a screw member being engaged by the same, forming flank surface and locking zone having ridge and groove and threads of normal ridges and grooves.

Opposition Proceedings

(1)

The opposition entered by Pulling & Lifting Machines Private Limited to the grant of a patent on application No. 120626 made by Tractel Tirfor India Private Limited, and notified in Part III, Section 2 of the Gazette of India dated the 7th February, 1970, has been treated as abandoned.

(2)

An opposition has been entered by Alimahomed Chhaganhai Padamsee to the grant of a patent on Application No. 121529, made by Gobind Rewachand Mansukhani.

Appeal—Proceedings (Section 9)

(1)

An appeal has been filed by Gopeswar Saha against the decision of Dy. Controller of Patents & Designs on an opposition to the grant of a patent on application No. 76288.

(2)

An appeal has been filed by Harbanslal Malhotra & Sons, Pvt. Ltd. against the decision of Dy. Controller of Patents & Designs on an opposition to the grant of a patent on application No. 77158.

Patents Sealed

88714.	89118.	94303.	110862.	111599.	114353.	115783.
115838.	115839.	116084.	116523.	116667.	116685.	116732.
116774.	116825.	116879.	116886.	116907.	116916.	116930.
117022.	117025.	117071.	117093.	117097.	117168.	117345.
117470.	117497.	117726.	117766.	117784.	117832.	117868.
117965.	117966.	118015.	118020.	118035.	118044.	118048.
118058.	118071.	118079.	118082.	118085.	118104.	118117.
118135.	118138.	118147.	118174.	118182.	118183.	118255.
118260.	118306.	118309.	118334.	118368.	118389.	118413.
118444.	118469.	118489.	118500.	118513.	118539.	118731.
119306.	119478.	119630.	119647.	119682.	119985.	120022.
120047.	120152.	120476.	120629.	120819.	120952.	121240.
121249.	121259.	121742.	121792.	121975.	122117.	122334.
122338.	122426.	122493.	122742.	122925.	123251.	

Amendment Proceedings

The amendments proposed by Phillips Petroleum Company in respect of patent application No. 115195 as advertised in Part III, Section 2 of the Gazette of India, dated the 13th June 1970 have been allowed.

Renewal Fees Paid

56008.	56010.	56028.	56082.	56083.	56090.	56096.	56144.
56192.	56650.	58777.	58901.	58915.	58925.	58927.	59045.
59057.	59058.	59078.	59109.	59172.	59231.	59246.	59252.
59332.	59413.	59573.	62349.	62354.	62484.	62485.	62536.
62541.	62593.	62598.	62599.	62624.	62642.	62659.	62692.
62706.	62719.	62731.	63680.	65797.	65930.	65971.	65976.
65977.	65999.	66005.	66037.	66068.	66089.	66096.	66106.
66144.	66181.	66182.	66183.	66188.	66194.	66271.	66281.
66405.	66615.	66649.	66776.	66792.	67316.	67912.	68479.
68500.	69863.	69901.	69921.	69939.	69949.	69951.	69991.
70029.	70075.	70078.	70079.	70102.	70107.	70201.	70457.
70723.	71087.	71215.	74146.	74169.	74226.	74285.	74317.
74318.	74337.	74354.	74356.	74361.	74398.	74400.	74412.
74416.	74418.	74426.	74427.	74428.	74429.	74537.	74560.
74632.	74642.	74672.	74674.	74688.	74689.	74690.	74725.
74726.	74946.	75028.	75060.	75101.	75102.	75391.	75581.
78786.	79335.	79366.	79381.	79430.	79564.	79598.	79605.
79611.	79631.	79629.	79650.	79699.	79707.	79710.	79770.
79783.	79784.	79787.	79790.	79799.	79802.	79809.	79819.
79820.	79836.	79837.	79843.	79885.	79899.	79912.	79954.
79959.	79978.	79988.	80011.	80020.	80043.	80044.	80057.
80263.	80273.	80304.	80419.	80422.	80435.	80499.	80629.
80760.	80761.	80762.	80763.	80975.	81154.	81225.	81376.
81975.	82102.	82887.	83255.	85169.	85170.	85177.	85213.

85365.	85418.	85429	85461.	85467.	85475.	85502.	85504.
85505.	85531.	85593.	85602.	85613.	85614.	85652.	85660.
85661.	85662.	85663.	85689.	85698.	85710.	85751.	85765.
85776.	8577.	85813.	85822.	85831.	86050.	86145.	86261.
86369.	90068.	90361.	90841.	90899.	90915.	90961.	91116.
91117.	91168.	91169.	91170.	91182.	91187.	91230.	91241.
91250.	91252.	91256.	91269.	91277.	91341.	91343.	91364.
91365.	91366.	91381.	91383.	91393.	91405.	91411.	91454.
91457.	91472.	91474.	91493.	91505.	91506.	91527.	91568.
91569.	91587.	91704.	91733.	91784.	91804.	91853.	91946.
91950.	91981.	92103.	96150.	96504.	96609.	96705.	96719.
96732.	96753.	96756.	96803.	96809.	96811.	96817.	96840.
96845.	96857.	96860.	96861.	96876.	96890.	96902.	96918.
96937.	96947.	96974.	96991.	96992.	97020.	97047.	97051.
97052.	97117.	97122.	97124.	97140.	97142.	97150.	97163.
97202.	97203.	97213.	97214.	97215.	97216.	97230.	97239.
97270.	97271.	97305.	97477.	97553.	97639.	97763.	97864.
97925.	99469.	99778.	99806.	101767.	101784.	101914.	
102321.	102439.	102495.	102520.	102577.	102654.	102663.	
102791.	102817.	102818.	102825.	102826.	102836.	102843.	
102852.	102857.	102858.	102860.	102868.	102885.	102887.	
102896.	102911.	102933.	102934.	102936.	102967.	102969.	
102970.	102973.	102998.	103015.	103022.	103045.	103051.	
103095.	103115.	103103.	103116.	103121.	103122.	103123.	
103135.	103175.	103180.	103181.	103182.	103207.	103216.	
103221.	103223.	103416.	103477.	103564.	103912.	103932.	
104959.	104960.	104963.	105938.	106694.	107204.	107455.	
108008.	108214.	108215.	108261.	108288.	108290.	108302.	
108308.	108314.	108322.	108333.	108338.	108343.	108368.	
108371.	108382.	108404.	108405.	108413.	108416.	108417.	
108418.	108421.	108424.	108437.	108444.	108446.	108447.	
108451.	108473.	108480.	108490.	108497.	108514.	108515.	
108523.	108526.	108532.	108563.	108567.	108583.	108599.	
108829.	108830.	108831.	108925.	108967.	109339.	109359.	
109437.	109714.	109930.	110793.	112880.	113117.	113419.	
113422.	113423.	113462.	113493.	113499.	113677.	114825.	

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent:—

No. 93721—Santoku Kinzoku Kogyo Kabushiki Kaisha.

Title:—Extrusion of the flint alloy.

The patent ceased on the 11th May 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 28th November 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 16th January 1971.

(2)

An order has been made on the 31st October 1970, restoring the patent No. 68486, dated as of the 23rd July 1959, granted to Thiruvengadam Kanagadas Sreenivasan for "an improved hot water and steam generator".

(3)

An order has been made on the 19th November 1969, restoring the patent No. 94604 dated as of the 7th July 1964, granted to Andre Roche for "device for spraying paint and other material".

(4)

An order has been made on the 30th July 1970, restoring the patent No. 94982, dated as of the 31st July 1964, granted to The British Cast Iron Research Association for "improvements in the manufacture of cast irons".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50, of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

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Design Nos. 127753, 127754, 128043, 130026 & 130501 — Class 1.

Design Nos. 127932, 125934, 125935—Class 3.

Design No. 127886—Class 4.

Design Nos. 125932, 125933 & 126243—Class 10.

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Design Nos. 104776 & 107003—Class 1.

Design No. 124695—Class 3.

Design No. 116770—Class 5.

Cancellation of the Registration of Design by High Court

(1)

Registrations of Designs Nos. 133204, 135063 and 135351 have been cancelled by the order dated the 3rd March, 1970 passed by Hon'ble Mr. Justice Vyas Dev Misra in civil original No. 10 of 1969 in re: M/s. Khera Automobiles Vs M/s. M. K. Auto Industries of the High Court of Delhi at New Delhi. In view of the said cancellations, petition in civil original No. 1 of 1970 in re: M/s. Escorts Ltd. Vs M/s. M. K. Auto Industries of the said High Court has been

dismissed by an order dated the 26th October, 1970, passed by Hon'ble Mr. Justice Prithvi Raj.

(Section 51A)

(2)

The application made by American Lock Works for cancellation of the registration of design No. 134081 in the name of Honlock Industries, which was notified in Part III, Section 2 of the Gazette of India dated the 21st June 1969 has been dismissed.

(Section 51A)

(3)

The application made by Tiger Products Private Ltd., for cancellation of the registration of design No. 134081 in the name of Honlock Industries, which was notified in Part III, Section 2 of the Gazette of India dated the 12th July 1969, has been dismissed.

(4)

The application made by J. K. Electronics, for cancellation of the registration of design No. 131447 in the name of Sunder Tecomal Vachani Proprietor of the firm Weston Electronics, which was notified in Part III, Section 2 of the Gazette of India dated the 23rd March 1968 has been dismissed.

S. VEDARAMAN
Controller General of Patents, Designs
and Trade Marks

